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| | Filing Date | | 2004-03-01 | |
| | First Named Inventor | Kurt Dobbins | | |
| | Art Unit | 2446 2472 | | |
| | Examiner Name | Toan D. Nguyen | | |
| | Attorney Docket Number | E2003-701430 | | |

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| /TN/ | 2 | IEEE 802.1 Working Group, IEEE 802.1 – 1995 Document Register (1995) | <input type="checkbox"/> |

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|------|----|---|--------------------------|
| /TN/ | 3 | "Bridges vs. Routers: Comparing Functionality, How are bridges and routers and integrated functionality bridge/routers being used to meet the demands of today's internetworking environment?", Telecommunications, Americas Edition Vo. 27, No. 4 (April 1993) | <input type="checkbox"/> |
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| | 11 | Backes, Floyd, "Spanning Tree Bridges - Transparent Bridges for Interconnection of IEEE 802 LANs", IEEE Network: The Magazine of Computer Communications, Vol. 2, No. 1, 5-9 (January 1988) | <input type="checkbox"/> |
| | 12 | Baker, F., Network Working Group, Point to Point Protocol Extensions for Bridging (April 1991) | <input type="checkbox"/> |
| /TN/ | 13 | Braden, R., Internet Engineering Task Force, Requirement for Internet Hosts - Communication Layers (October 1989) | <input type="checkbox"/> |

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| /TN/ | 14 | Bradner & Greenfield, "Manageability, not speed, is crucial among routers," PC Magazine (March 30, 1993) | <input type="checkbox"/> |
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| | 16 | Camarda, et. al. P., "A Router for the Interconnection of Ethernet Local Area Network Via An ATM Network" October 15-18, 1990 | <input type="checkbox"/> |
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| | 18 | Claffy, et. al., "A Parameterizable Methodology for Internet Traffic Flow Profiling," IEEE Journal on Selected Areas in Communications, Vol. 13, No. 8 (October 8, 1995) | <input type="checkbox"/> |
| | 19 | Crocetti, P., et. al., "Multicast in SMDS over an ATM network" Proc. Globecom '92, Vol. 2, 1062-66 (1992) | <input type="checkbox"/> |
| | 20 | Emigh, Jacqueline, "Digital runs 200 MHz chip - 1st demo of Alpha - Digital Equipment Corporation's (DEC's) Alpha microprocessor," Newsbytes News Network, DECWorld (May 4, 1992) | <input type="checkbox"/> |
| | 21 | Eng, KY, et. al., "Multicast and Broadcast Services in a Knockout Packet Switch," MFOCOM '88. Networks: Evolution or Revolution? Proceedings. Seventh Annual Joint Conference of the IEEE Computer and Communications Societies., IEEE, 29-34 (1988) | <input type="checkbox"/> |
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| | 23 | Grimshaw, Michael, "LAN Interconnections Technologies, Interconnecting LANs is one thing, but avoiding loops, responding to network failures, and interoperating different LANs is quite another," Telecommunications North American Edition Vol. 25, No. 2 (February 1991) | <input type="checkbox"/> |
| /TN/ | 24 | Harris and Jeffries, Inc., A Proposal for Software Development; Prepared for: Tony Bono (Clearpoint Research Corp.); For an IP-Router Facility (February 19, 1991) | <input type="checkbox"/> |

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|-----------|----|---|--------------------------|
| /TN/ | 25 | Hawe, Bill, et. al., "Transparent Interconnection of Local Area Networks with Bridges," Journal of Telecommunication Networks, Vol. 3, No. 2, 116-130 | <input type="checkbox"/> |
| | 26 | Jennings, Tate, et. al., "Practical SMDS Demonstrations," Proceedings 17th Conference on Local Computer Networks, 300-309 (September 13, 1992) | <input type="checkbox"/> |
| | 27 | Kelley, Paul, "Connecting LANs with Bridges, Systems managers have a number of decisions to make when linking LANs together, including just how far a bridge will go and which one to cross," Telecommunications North American Edition, Vol. 24, No. 6, article titled (June 1990) | <input type="checkbox"/> |
| | 28 | King, Steven, "It's an Adventure (Part 2/3)," Network World, Vol. 12, No. 15, 10 April 1995, pp. 49-55 | <input type="checkbox"/> |
| | 29 | Kim, Hyong S.; "Multinet Switch: Multistage ATM Switch Architecture with Partially Shared Buffers," IEEE Infocom '93: The Conference on Computer Communications Proceedings Volume 2 (March 28, 1993) | <input type="checkbox"/> |
| | 30 | Lidinsky, William, "802.1 Minutes and Document Plan," Presentation at IEEE 802.1 Working Group, West Palm Beach (March 1995) | <input type="checkbox"/> |
| | 31 | Lin & Wang, "A Platform for Seamless Interworking Among Conventional LANs and ATM Networks," Global Telecommunications Conference, 1994. GLOBECOM '94. 'Communications: The Global Bridge', IEEE, Vol. 1, 291-5 | <input type="checkbox"/> |
| | 32 | Marchok, Daniel, et. al., "Multicasting in a Growable Packet (ATM) Switch," INFOCOM '91. Proceedings. Tenth Annual Joint Conference of the IEEE Computer and Communications Societies. Networking in the 90s. IEEE, Vol. 2, 850-858 (April 7, 1991) | <input type="checkbox"/> |
| | 33 | McNealis, Martin, "1995 - The Year of the Virtual LAN," Presentation at IEEE Conference, Maui (July 1995) | <input type="checkbox"/> |
| | 34 | McNealis, Martin, "Virtual LAN Requirements," Presentation at IEEE 802.1 Interim Meeting (October 12, 1995) | <input type="checkbox"/> |
| ↓ /TN/ | 35 | Ngoh, L.H., "Multicast support for group communications," Computer Networks and ISDN Systems 22 (1991) | <input type="checkbox"/> |

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| /TN/ | 36 | Paliwoda, K., "Transactions involving multicast," Comp. Comm'ns, Vol. 11, No. 6, 313-18 (December 1988) | <input type="checkbox"/> |
| ↓ | 37 | Rajagopalan, Bala, "Reliability and Scaling Issues in Multicast Communication," Computer Communication Review: SIGCOMM '92 Conference Proceedings, Communications Architectures and Protocols, Vol. 22, No. 4 (August 17, 1992) | <input type="checkbox"/> |
| | 38 | Rooney, Sean et al.; Computer Communication Review: Automatic VLAN creation based on on-line measurement (February 19, 1991) | <input type="checkbox"/> |
| | /TN/ | 39 | Rozenblad, et. al. W., "Interconnection of LANsB02.6 Customer Premises Equipments (CPEs) via SMDS on Top of ATM: a case description," IFIP Transactions, Vol. C-14: Proceedings of the FFIP TC61WG6.4 Fourth International Conference on High Performance Networking IV, 43 1-442 (December 14, 1992) |

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